

**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Fall 2019

Reclamation District No. 0900 West Sacramento

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Right	7.70	10/01/2019 10/01/2019	Luz Dial

LM Start	0.00	Rating **	A	Issue No.	6
LM End	0.00	Issue Type +	Ma	Location *	N/A
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Operations & Maintenance Manuals			°	°
DWR ID	DWR_RD0900_01_f_2018_6				
Comment Code					
Inspector Comment					
This LMA has the updated O&M manuals for the district.					

No Photos

LM Start	0.00	Rating **	A	Issue No.	12
LM End	0.00	Issue Type +	Ma	Location *	N/A
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Emergency Supplies & Equipment			°	°
DWR ID	DWR_RD0900_01_s_2013_12				
Comment Code					
Inspector Comment					
This LMA has an adequate amount of sandbags, sand, and various flood fight supplies in their possession.					

No Photos

LM Start	0.00	Rating **	A	Issue No.	16
LM End	0.00	Issue Type +	Ma	Location *	N/A
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Flood Preparedness & Training			°	°
DWR ID	DWR_RD0900_01_s_2013_16				
Comment Code					
Inspector Comment					
The LMA plans to attend the November 2019 flood fight training session.					

No Photos

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Right	7.70	10/01/2019 10/01/2019	Luz Dial

LM Start	0.50	Rating **	M	Issue No.	24 (cont)	
LM End	0.50	Issue Type +	Ma	Location *	WS	
Category	Earthen Levee			GPS Latitude/Longitude		
				Start		End
Item	Encroachments			38.574718 °	38.574718 °	
				-121.514023 °	-121.514023 °	
DWR ID	DWR_RD0900_01_f_2019_24					
Comment Code						
TR : Tree or limb						
Inspector Comment						
Remove a large tree on the waterside slope.						

Photo 2 of 2 : FA_2019_RD0900_230_24_20191007_00016.jpg



View of large tree debris on waterside slope. Fall 2019

LM Start	2.05	Rating **	A/W	Issue No.	36
LM End	2.05	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Slope Stability			38.557865 °	38.557865 °
				-121.518175 °	-121.518175 °
DWR ID	DWR_RD0900_01_s_2018_36				
Comment Code					
S3 : Repair the levee slope damaged by vehicle traffic and prevent access where possible.					
Inspector Comment					
The LMA repaired slope damage, but vehicles continue to access river.					

Photo 1 of 1 : FA_2019_RD0900_230_36_20190904_00005.jpg



View of slope damage from vehicular traffic. Fall 2018

LM Start	2.35	Rating **	A/W	Issue No.	29
LM End	2.47	Issue Type +	Ma	Location *	WS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	2017 USACE Erosion Survey			38.554277 °	38.552504 °
				-121.515263 °	-121.514752 °
DWR ID	DWR_RD0900_01_s_2019_29				
Comment Code					
Inspector Comment					
2017 Site ID: SAC 56.7 R					
Status: Eroding					
2017 Field Notes: Fresh toe erosion. New rock placed.					
Site History: 2007 - Have good berm width with minor toe erosion.					
Close to the levee toe protection, but levee slope is steep. 2011 - New large erosion pocket. 2012 - Minor new erosion at the toe.					

No Photos

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown		** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain		+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement	
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Reclamation District No. 0900 West Sacramento

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Right	7.70	10/01/2019 10/01/2019	Luz Dial

LM Start	2.37	Rating **	A/W	Issue No.	17
LM End	2.37	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Erosion / Bank Caving			38.553877 °	38.553877 °
				-121.515575 °	-121.515575 °
DWR ID	DWR_RD0900_01_s_2019_17				
Comment Code					
E2 : Schedule repair of erosion site prior to the next inspection.					
Inspector Comment					
Repair erosion of the landside berm.					

No Photos

LM Start	2.55	Rating **	A/W	Issue No.	28
LM End	2.64	Issue Type +	Ma	Location *	WS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	2017 USACE Erosion Survey			38.551319 °	38.550090 °
				-121.514423 °	-121.513983 °
DWR ID	DWR_RD0900_01_s_2019_28				
Comment Code					
Inspector Comment					
2017 Site ID: SAC 56.5 R					
Status: Eroding					
2017 Field Notes: Fresh toe erosion.					
Site History: 1997 - Low berm is contributing to erosion. Old timber pile dikes above water parallel to bank. The upstream mitigation low berm causes a flow separation at the site. 1999 - Some new localized erosion with less than one foot of bank retreat. 2000 - Some new erosion at the upstream end. Fat toe deposits at toe. 2003 - Some new erosion upstream, but have a wide berm. 2011 - Minor new erosion at toe.					

Photo 1 of 1 : FA_2019_RD0900_230_28_20190904_00004.jpg



View looking upstream at repaired erosion site. Spring 2019

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Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Right	7.70	10/01/2019 10/01/2019	Luz Dial

LM Start	3.27	Rating **	A/W	Issue No.	27
LM End	3.48	Issue Type +	Ma	Location *	WS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	2017 USACE Erosion Survey			38.541246 °	38.538689 °
				-121.513561 °	-121.515916 °
DWR ID	DWR_RD0900_01_s_2019_27				
Comment Code					
Inspector Comment					
2017 Site ID: SAC 55.7 R					
Status: Critical					
2017 Field Notes: Fresh toe erosion. Site upgraded to critical. A setback levee is under construction behind this site.					
Site History: 2008 - Erosion into levee toe. Over steepened levee slope, worst at the upstream end. 2009 - Near vertical banks from rotational slumping, hidden by vegetation. 2010 - Boat sinking more, may be causing eddy scour around it. Difficult to see the vertical slumps due to dense vegetation. 2011 - Minor new erosion at the toe. The paddleboat that was sitting at this site for years has been removed. 2012 - Site extended upstream due to additional erosion. 2016 - New rock on slope at upstream end.					

No Photos

*** Location**
 LS : Land Side N/A : Not Applicable
 WS : Water Side
 CR : Crown

**** Rating**
 A : Acceptable N : Not Inspected/Rated
 M : Minimally Acceptable C : Corrected
 U : Unacceptable A/W : Acceptable but Monitor & Maintain

+ Issue Type
 Ma : Maintenance Deficiency
 Ob : Design & System Obsolescence
 En : Enforcement

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Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Right	7.70	10/01/2019 10/01/2019	Luz Dial

LM Start	3.32	Rating **	M	Issue No.	73
LM End	3.32	Issue Type +	Ma	Location *	
Category	Supplemental		GPS Latitude/Longitude		
			Start	End	
Item	DRAFT DWR UCIP LMA Responsibility		38.540803 °	38.540803 °	
			-121.514255 °	-121.514255 °	
DWR ID	17769				

Comment Code

Inspector Comment

DS_ID:17769
FS_ID:37668
EP_NO: N/A
Repair Type: Non-Urgent
Crossing Status: Found
UCIP Comments: 02/26/2018 Pipe is located within the construction limits of the Levee Improvement Project for RD0900, As-builts PENDING Project Completion. -- UNDER CONSTRUCTION Levee Improvement Project, construction schedule Summer 2016 to November 2018. Levee improvements address through seepage, underseepage and slope stability and include strengthen-in-place improvements and construction of a setback levee. Reference: [Issued FOR CONSTRUCTION] West Sacramento Area Flood Control Agency Southport Levee Improvement Project Early Implementation Program. Southport Sacramento River Levee: (Stat 3+90 to Station 287+57). Volume 3 (W.O. # 41164) December 2016 Conformed Submittal. HDR Engineering Inc. Folsom, CA – (DWR UCIP – O. Magana) 10/06/2009 Dense vegetation limits the inspector's visibility to identify signs of pipe failure (leaks) along the slope. Recommend removing vegetation along pipe alignment to conduct proper inspection of structure and appurtenances. (DWR UCIP - O. Magana) FIELD_STRUCT_DESC: 24-inch pipe through the levee, 22.0 feet below the crown. Pump house at the landside (LS) toe. Screw gate in LS of the levee. Additional Reference(s): USACE Sacramento O&M Manual Unit No. 116, August 1955, revised 2011, (USGS River Mile [RM] 55.65), As-built drawing# 6-13-1100 page 3, January 1933] FS Date: 10/6/2009

LM Start	3.32	Rating **	M	Issue No.	73 (cont)
LM End	3.32	Issue Type +	Ma	Location *	

Photo 1 of 3 : UCIP_FA_2019_37668_68391.jpg



View of concrete structure located on landward side.

Photo 2 of 3 : UCIP_FA_2019_37668_68390.jpg



Pump house located on landward side.

* Location	** Rating	+ Issue Type
LS : Land Side WS : Water Side CR : Crown	A : Acceptable M : Minimally Acceptable U : Unacceptable	Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
N/A : Not Applicable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	

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Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Right	7.70	10/01/2019 10/01/2019	Luz Dial

LM Start	3.32	Rating **	M	Issue No.	73 (cont)	
LM End	3.32	Issue Type +	Ma	Location *		
Category	Supplemental			GPS Latitude/Longitude		
				Start	End	
Item	DRAFT DWR UCIP LMA Responsibility			38.540803 °	38.540803 °	
				-121.514255 °	-121.514255 °	
DWR ID	17769					
Comment Code						
Inspector Comment						
DS_ID:17769 FS_ID:37668 EP_NO: N/A Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: 02/26/2018 Pipe is located within the construction limits of the Levee Improvement Project for RD0900, As-builts PENDING Project Completion. -- UNDER CONSTRUCTION Levee Improvement Project, construction schedule Summer 2016 to November 2018. Levee improvements address through seepage, underseepage and slope stability and include strengthen-in-place improvements and construction of a setback levee. Reference: [Issued FOR CONSTRUCTION] West Sacramento Area Flood Control Agency Southport Levee Improvement Project Early Implementation Program. Southport Sacramento River Levee: (Stat 3+90 to Station 287+57). Volume 3 (W.O. # 41164) December 2016 Conformed Submittal. HDR Engineering Inc. Folsom, CA – (DWR UCIP – O. Magana) 10/06/2009 Dense vegetation limits the inspector's visibility to identify signs of pipe failure (leaks) along the slope. Recommend removing vegetation along pipe alignment to conduct proper inspection of structure and appurtenances. (DWR UCIP - O. Magana) FIELD_STRUCT_DESC: 24-inch pipe through the levee, 22.0 feet below the crown. Pump house at the landside (LS) toe. Screw gate in LS of the levee. Additional Reference(s): USACE Sacramento O&M Manual Unit No. 116, August 1955, revised 2011, (USGS River Mile [RM] 55.65), As-built drawing# 6-13-1100 page 3, January 1933] FS Date: 10/6/2009						

Photo 3 of 3 : UCIP_FA_2019_37668_68389.jpg



Pipe visible on waterward side visible through dense vegetation.

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Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Right	7.70	10/01/2019 10/01/2019	Luz Dial

LM Start	7.47	Rating **	A/W	Issue No.	59
LM End	7.47	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.507648 °	38.507648 °
				-121.557571 °	-121.557571 °
DWR ID	DWR_RD0900_01_f_2012_59				
Comment Code					
V2 : Remove the wild growth other than native grasses from the levee slopes.					
Inspector Comment					
LMA sprayed Arundo on the waterside slope of the levee, but dead vegetation needs to be removed.					

Photo 1 of 1 : FA_2019_RD0900_230_59_20190904_00008.jpg



View of the arundo on the waterside of the levee during spring 2017 inspection.

LM Start	7.78	Rating **	M	Issue No.	15
LM End	7.78	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.503490 °	38.503490 °
				-121.559770 °	-121.559770 °
DWR ID	DWR_RD0900_01_f_2013_15				
Comment Code					
V2 : Remove the wild growth other than native grasses from the levee slopes.					
Inspector Comment					
LMA sprayed Arundo on the waterside, but dead vegetation needs to be removed.					

Photo 1 of 2 : FA_2019_RD0900_230_15_20190904_00001.jpg



Picture of the arundo on the waterside of the levee during spring 2016 inspection.

LM Start	7.78	Rating **	M	Issue No.	15 (cont)
LM End	7.78	Issue Type +	Ma	Location *	WS

Photo 2 of 2 : FA_2019_RD0900_230_15_20190904_00002.jpg



View of arundo on the waterside of the levee looking downstream.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown		** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain		+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement	
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Maintenance Issue Types Only, Levee Inspection Report By Mile - Fall 2019

Reclamation District No. 0900 West Sacramento

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 Yolo Bypass	Left	5.26	10/01/2019 10/01/2019	Luz Dial

LM Start	1.47	Rating **	C	Issue No.	48
LM End	1.47	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.566860 °	38.566860 °
				-121.582250 °	-121.582250 °
DWR ID	DWR_RD0900_02_s _ 2019_48				
Comment Code					
TR : Tree or limb					
Inspector Comment					
Remove tree debris on slope.					

No Photos

LM Start	2.43	Rating **	C	Issue No.	45
LM End	2.43	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.552922 °	38.552922 °
				-121.582202 °	-121.582202 °
DWR ID	DWR_RD0900_02_s _ 2019_45				
Comment Code					
TR : Tree or limb					
Inspector Comment					
Remove tree debris on waterside slope.					

No Photos

LM Start	3.26	Rating **	M	Issue No.	15
LM End	3.26	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.540943 °	38.540943 °
				-121.582280 °	-121.582280 °
DWR ID	DWR_RD0900_02_s _ 2012_15				
Comment Code					
PI : Pipe					
Inspector Comment					
An abandoned pipe still remains on the levee slope.					

Photo 1 of 1 : FA_2019_RD0900_231_15_20190904_00002.jpg



Abandoned pipes and debris were found on the landside of the levee looking upstream. Fall 2011

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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Reclamation District No. 0900 West Sacramento

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 Yolo Bypass	Left	5.26	10/01/2019 10/01/2019	Luz Dial

LM Start	3.26	Rating **	A/W	Issue No.	40
LM End	5.47	Issue Type +	Ma	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	2017 Storm Damage			38.540928 °	38.508969 °
				-121.581936 °	-121.581681 °
DWR ID	RD 900-01				
Comment Code					
Inspector Comment					
Levee Evaluation Comments					
Description:					
Site ID No:198					
Site Designation:RD 900-01					
Repair Type: Erosion					
Rating:Serious					
Field Date:6/6/2017					
Notes: LS, thorny vegetation is present at levee toe/canal. Light grass present along LS slope. Primary use of canal is for drainage, ranges in width 15-25; on average 20ft. RD rep. mentioned permitting has begun to replace drainage canal with 32in pipe for storm drainage to community. 8,600 LF of the LS levee has sloughing of the LS toe access road into drainage canal. There is no imminent threat of losing levee in next storm event. DWR inspector: LMA repaired two landside erosion sites (levee mile 5.26 and 4.63) during fall 2017 inspection.					

Photo 1 of 8 : FA_2019_RD0900_231_40_20190904_00004.jpg



View of repaired slope instability site. Fall 2018

LM Start	3.26	Rating **	A/W	Issue No.	40 (cont)
LM End	5.47	Issue Type +	Ma	Location *	

Photo 2 of 8 : FA_2019_RD0900_231_40_20190904_00010.jpg



View of a repaired slope instability site on the landside of the levee looking upstream on levee mile 4.63 (38.52111, -121.582148). Fall 2017

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 Yolo Bypass	Left	5.26	10/01/2019 10/01/2019	Luz Dial

LM Start	3.26	Rating **	A/W	Issue No.	40 (cont)	
LM End	5.47	Issue Type +	Ma	Location *		
Category	Supplemental			GPS Latitude/Longitude		
				Start		End
Item	2017 Storm Damage			38.540928 °	38.508969 °	
				-121.581936 °	-121.581681 °	
DWR ID	RD 900-01					
Comment Code						
Inspector Comment						
Levee Evaluation Comments						
Description:						
Site ID No:198						
Site Designation:RD 900-01						
Repair Type: Erosion						
Rating:Serious						
Field Date:6/6/2017						
Notes: LS, thorny vegetation is present at levee toe/canal. Light grass present along LS slope. Primary use of canal is for drainage, ranges in width 15-25; on average 20ft. RD rep. mentioned permitting has begun to replace drainage canal with 32in pipe for storm drainage to community. 8,600 LF of the LS levee has sloughing of the LS toe access road into drainage canal. There is no imminent threat of losing levee in next storm event. DWR inspector: LMA repaired two landside erosion sites (levee mile 5.26 and 4.63) during fall 2017 inspection.						

Photo 3 of 8 : FA_2019_RD0900_231_40_20190904_00011.jpg



View of a repaired slope instability site on the landside of the levee looking downstream on levee mile 4.63 (38.52111, -121.582148). Fall 2017

LM Start	3.26	Rating **	A/W	Issue No.	40 (cont)
LM End	5.47	Issue Type +	Ma	Location *	

Photo 4 of 8 : FA_2019_RD0900_231_40_20190904_00008.jpg



View of the repaired slope instability site on the landside slope of the levee looking upstream on levee mile 5.26 (38.511915, -121.582167). Fall 2017

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 Yolo Bypass	Left	5.26	10/01/2019 10/01/2019	Luz Dial

LM Start	3.26	Rating **	A/W	Issue No.	40 (cont)	
LM End	5.47	Issue Type +	Ma	Location *		
Category	Supplemental			GPS Latitude/Longitude		
				Start		End
Item	2017 Storm Damage			38.540928 °	38.508969 °	
				-121.581936 °	-121.581681 °	
DWR ID	RD 900-01					
Comment Code						
Inspector Comment						
Levee Evaluation Comments						
Description:						
Site ID No:198						
Site Designation:RD 900-01						
Repair Type: Erosion						
Rating:Serious						
Field Date:6/6/2017						
Notes: LS, thorny vegetation is present at levee toe/canal. Light grass present along LS slope. Primary use of canal is for drainage, ranges in width 15-25; on average 20ft. RD rep. mentioned permitting has begun to replace drainage canal with 32in pipe for storm drainage to community. 8,600 LF of the LS levee has sloughing of the LS toe access road into drainage canal. There is no imminent threat of losing levee in next storm event. DWR inspector: LMA repaired two landside erosion sites (levee mile 5.26 and 4.63) during fall 2017 inspection.						

LM Start	3.26	Rating **	A/W	Issue No.	40 (cont)
LM End	5.47	Issue Type +	Ma	Location *	

Photo 5 of 8 : FA_2019_RD0900_231_40_20190904_00009.jpg



View of the repaired slope instability site on the landside slope of the levee looking downstream on levee mile 5.26 (38.511915, -121.582167).
Fall 2017

Photo 6 of 8 : LEVAL_FA_2019_198_189.jpg



* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 Yolo Bypass	Left	5.26	10/01/2019 10/01/2019	Luz Dial

LM Start	3.26	Rating **	A/W	Issue No.	40 (cont)	
LM End	5.47	Issue Type +	Ma	Location *		
Category	Supplemental			GPS Latitude/Longitude		
				Start		End
Item	2017 Storm Damage			38.540928 °	38.508969 °	
				-121.581936 °	-121.581681 °	
DWR ID	RD 900-01					
Comment Code						
Inspector Comment						
Levee Evaluation Comments						
Description:						
Site ID No:198						
Site Designation:RD 900-01						
Repair Type: Erosion						
Rating:Serious						
Field Date:6/6/2017						
Notes: LS, thorny vegetation is present at levee toe/canal. Light grass present along LS slope. Primary use of canal is for drainage, ranges in width 15-25; on average 20ft. RD rep. mentioned permitting has begun to replace drainage canal with 32in pipe for storm drainage to community. 8,600 LF of the LS levee has sloughing of the LS toe access road into drainage canal. There is no imminent threat of losing levee in next storm event. DWR inspector: LMA repaired two landside erosion sites (levee mile 5.26 and 4.63) during fall 2017 inspection.						

Photo 7 of 8 : LEVAL_FA_2019_198_190.jpg



LM Start	3.26	Rating **	A/W	Issue No.	40 (cont)
LM End	5.47	Issue Type +	Ma	Location *	

Photo 8 of 8 : LEVAL_FA_2019_198_197.jpg



* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Fall 2019

Reclamation District No. 0900 West Sacramento

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 Yolo Bypass	Left	5.26	10/01/2019 10/01/2019	Luz Dial

LM Start	4.29	Rating **	A/W	Issue No.	43
LM End	4.29	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Cracking			38.526007°	38.526007°
				-121.582130°	-121.582130°
DWR ID	DWR_RD0900_02_f_2019_43				
Comment Code					
CR1 : Monitor and have inspected by geotechnical engineer.					
Inspector Comment					
Monitor small desiccation cracks.					

Photo 1 of 1 : FA_2019_RD0900_231_43_20191007_00055.jpg



View of desiccation crack 3" deep and 5' long. Fall 2019

LM Start	4.45	Rating **	C	Issue No.	51
LM End	4.45	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Animal Control			38.523707 °	38.523707 °
				-121.582070 °	-121.582070 °
DWR ID	DWR_RD0900_02_s_2019_51				
Comment Code					
A3 : No rodents visible, but rodent burrows visible; need to backfill and compact or grout burrows.					
Inspector Comment					
Monitor rodent activity in the area.					

No Photos

LM Start	4.46	Rating **	A/W	Issue No.	44
LM End	4.46	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Cracking			38.523537 °	38.523537 °
				-121.582130 °	-121.582130 °
DWR ID	DWR_RD0900_02_f_2019_44				
Comment Code					
CR1 : Monitor and have inspected by geotechnical engineer.					
Inspector Comment					
Monitor small desiccation cracks.					

Photo 1 of 1 : FA_2019_RD0900_231_44_20191007_00056.jpg



View of small desiccation cracks along landside shoulder. Fall 2019

* Location
LS : Land Side N/A : Not Applicable
WS : Water Side
CR : Crown

** Rating
A : Acceptable N : Not Inspected/Rated
M : Minimally Acceptable C : Corrected
U : Unacceptable A/W : Acceptable but Monitor & Maintain

+ Issue Type
Ma : Maintenance Deficiency
Ob : Design & System Obsolescence
En : Enforcement

**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Fall 2019

Reclamation District No. 0900 West Sacramento

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 Yolo Bypass	Left	5.26	10/01/2019 10/01/2019	Luz Dial

LM Start	5.10	Rating **	C	Issue No.	54
LM End	5.10	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Slope Stability			38.514278 °	38.514278 °
				-121.582192 °	-121.582192 °
DWR ID	DWR_RD0900_02_s_2019_54				
Comment Code					
S1 : Repair slope instability.					
Inspector Comment					
The LMA repaired the slip.					

No Photos

LM Start	5.24	Rating **	C	Issue No.	55
LM End	5.26	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Slope Stability			38.512212 °	38.511930 °
				-121.582177 °	-121.582187 °
DWR ID	DWR_RD0900_02_s_2019_55				
Comment Code					
S1 : Repair slope instability.					
Inspector Comment					
The LMA repaired the slip from 2018.					

No Photos

LM Start	5.45	Rating **	A/W	Issue No.	27
LM End	5.45	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Slope Stability			38.509217 °	38.509217 °
				-121.582140 °	-121.582140 °
DWR ID	DWR_RD0900_02_f_2018_27				
Comment Code					
S1 : Repair slope instability.					
Inspector Comment					
Monitor small desiccation cracks on the levee slope.					

Photo 1 of 1 : FA_2019_RD0900_231_27_20190904_00003.jpg



View of desiccation cracks on levee. Fall 2018

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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